PATENT COOPERATION TREATY

From INTE	the RNATIONAL SEAF	RCHING AUTHO	ORITY						
To:				PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)					
	see form I	PCT/ISA/220							
				Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet)					
	icant's or agent's file form PCT/ISA/22			FOR FURTHER ACTION See paragraph 2 below					
1	national application l ГЈР2004/007467		International filing date (c 25.05.2004	day/month/year)	Priority date (day/month/year) 27.05.2003				
International Patent Classification (IPC) or both national classification and IPC C09D11/00									
Applicant CANON KABUSHIKI KAISHA									
1.	This opinion contains indications relating to the following items:								
	☐ Box No. I Basis of the opinion								
	☑ Box No. II	Priority							
	☐ Box No. III	Non-establishr	ment of opinion with reg	ard to novelty, inventi	ve step and industrial applicability				
	☐ Box No. IV	Lack of unity o	f invention						
	☑ Box No. V		ement under Rule 43 <i>bis</i> tations and explanations		novelty, inventive step or industrial tement				
	☐ Box No. VI	Certain docum	ents cited	•					
	☐ Box No. VII	Certain defects	s in the international app	pplication					
	☐ Box No. VIII	Certain observ	rations on the internation	nal application					
2.	FURTHER ACTI	ION							
If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.									
	submit to the IPE months from the	is opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to mit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three on the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, chever expires later.							
	For further option	ns, see Form PC	CT/ISA/220.						
3. For further details, see notes to Form PCT/ISA/220.									
Nam	e and mailing addres	ss of the ISA:		Authorized Officer					



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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/JP2004/007467

	Box N	lo. I Basis of the opinion				
1.	With regard to the language , this opinion has been established on the basis of the international application in the language in which it was field, unless otherwise indicated under this item.					
	la	his opinion has been established on the basis of a translation from the original language into the following inguage , which is the language of a translation furnished for the purposes of international search under Rules 12.3 and 23.1(b)).				
2.	With regard to any nucleotide and/or amino acid sequence disclosed in the international application necessary to the claimed invention, this opinion has been established on the basis of:					
a. type of material:		e of material:				
		a sequence listing				
		table(s) related to the sequence listing				
b. format of material:		mat of material:				
		in written format				
		in computer readable form				
c. time of filing/furnishing:		e of filing/furnishing:				
		contained in the international application as filed.				
		filed together with the international application in computer readable form.				
		furnished subsequently to this Authority for the purposes of search.				
3.	t C	n addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional sopies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				

4. Additional comments:

- WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/JP2004/007467

	Вох	No. II	Priority								
1.	\boxtimes										
	☐ copy of the earlier application whose priority has been claimed (Rule 43 <i>bis</i> .1 and 66.7(a)).										
	☐ translation of the earlier application whose priority has been claimed (Rule 43 <i>bis</i> .1 and 66.7)										
	Consequently it has not been possible to consider the validity of the priority claim. This opinion has nevertheless been established on the assumption that the relevant date is the claimed priority date.										
2.	This opinion has been established as if no priority had been claimed due to the fact that the priority claim has been found invalid (Rules 43 <i>bis</i> .1 and 64.1). Thus for the purposes of this opinion, the international filing date indicated above is considered to be the relevant date.										
3.	Add	itional c	bservations, if nece	essary:							
	•										
	Box No. V Reasoned statement under Rule 43 <i>bis</i> .1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement										
1. Statement											
	Novelty (N) Inventive step (IS)			Yes:	Claims						
				No:	Claims		1-11				
			ep (IS)	Yes:	Claims						
			,	No:	Claims		1-11				
	Indu	ıstrial a	oplicability (IA)	Yes: No:	Claims Claims		1-11				
2.	Cita	tions ar	nd explanations								

see separate sheet

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Re Item V.

- 1 The following documents are referred to in this communication:
 - D1: US 5 990 227 A (AOKI MAKOTO ET AL) 23 November 1999 (1999-11-23)
 - D2: EP 1 243 624 A (CANON KK) 25 September 2002 (2002-09-25)
 - D3: EP 1 245 396 A (CANON KK) 2 October 2002 (2002-10-02)
 - D4: EP 0 952 196 A (HEWLETT PACKARD CO) 27 October 1999 (1999-10-27)
 - D5: EP 1 201 719 A (HEWLETT PACKARD CO) 2 May 2002 (2002-05-02)
- 2 Independent claims 1,10 and 11

D1 discloses an ink set containing in the first ink an amphiphilic resin with carboxylic groups and a pH from 1-7, in the second ink a similar resin but a pH of 5-9 and a third ink with a further resin and a pH of 8-12 (Col. 4, I. 23-43). The purpose of the different pH's is that after contacting the two inks they become viscous by precipitating a polymer.

Basically the same teaching (different pH in different inks of the set increases the viscosity at the contacts) is disclosed in documents D2 to D4, cf. parts referred to in the search report, only the type of polymers is varied, e.g. the polyvinyl ether polymers preferred in the present application are disclosed in D2 and D3.

Consequently, the subject-matter of claims 1,10 and 11 is anticipated by D1 to D4.

5 DEPENDENT CLAIMS 2-9

Dependent claims 2-9 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT).